

12-05-01

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**UTILITY  
PATENT APPLICATION  
TRANSMITTAL**

*(Only for new non-provisional applications under 37 CFR 1.53(b))*

|  |  |                                     |                         |
|--|--|-------------------------------------|-------------------------|
| <b>UTILITY<br/>PATENT APPLICATION<br/>TRANSMITTAL</b><br><i>(Only for new non-provisional applications under 37 CFR 1.53(b))</i> |  | Atty. Docket No. <b>GP117-03.UT</b> | Total Pages <b>[68]</b> |
| First Named Inventor or Application Identifier   |  |                                     |                         |
| <b>YANG et al.</b> "COMPOSITIONS AND METHODS<br>FOR DETECTING HUMAN<br>IMMUNODEFICIENCY VIRUS 2<br>(HIV-2)"                      |  |                                     |                         |
| Express Mail Label No.   |  | <b>EL612500739US</b>                |                         |

Continuation  Divisional  Continuation-In-Part (CIP) of prior application No.:

The entire disclosure of the prior application, from which an oath or declaration is supplied under is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts

10/001407  
10/22/01

| PAPERS BEING SUBMITTED                                    |  | DESCRIPTION/COMMENTS  | Total Pages |
|---|--|---|-------------|
| 1. [X]  | FEES TRANSMITTAL FY 2002 (in duplicate)  | Includes authorization to charge fees to Deposit Account No. 07-0835          | 2           |
| 2. [X]  | SPECIFICATION  | Cover Sheet (1 pg.); Description (44 pgs.); Claims (6 pgs.); Abstract (1 pg.) | 52          |
| 3. [X]  | SEQUENCE LISTING   |   | 6           |
| 4. [X]  | FORMAL DRAWING   | Figure 1 on 1 sheet   | 1           |
| 5. [X]  | COMBINED DECLARATION AND POWER OF ATTORNEY OR AUTHORIZATION OF AGENT                               |   | 2           |
| 6. [X]  | SUBMISSION OF SEQUENCE LISTING IN COMPUTER READABLE FORM WITH STATEMENT UNDER 37 C.F.R. § 1.821(F) |   | 1           |
| 7. [X]  | SEQUENCE LISTING DISKETTE  |   | --          |
| 8. [X]  | RECORDATION FORM COVER SHEET   |   | 1           |
| 9. [X]  | ASSIGNMENT   |   | 2           |
| 10. [X]   | RETURN RECEIPT POSTCARD  |   | --          |
| PAPERS RELATING TO THIS FILING BUT NOT SUBMITTED HEREWITH |  | (IN PRIOR APPLICATION)  |             |

**Charge Statement:** The Commissioner for Patents is hereby authorized to charge any amounts due, or credit any overpayments, in connection with the filing or prosecution of this application to Deposit Account No. 07-0835 in the name of Gen-Probe Incorporated.

#### CORRESPONDENCE ADDRESS

CUSTOMER NUMBER OR BAR CODE LABEL



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PATENT TRADEMARK OFFICE

**Certificate of Mailing by Express Mail**

I hereby certify that the above-listed application papers are being deposited on the date indicated below with the U.S. Postal Service as Express Mail No. EL612500739US in an envelope with sufficient postage addressed to Box Patent Application, Commissioner for Patents, Washington, D.C. 20231

Date: October 22, 2001

By: Michael J. Gilly, Registration No. 42,579

# FEE TRANSMITTAL for FY 2002

Patent fees are subject to annual revision

TOTAL AMOUNT OF PAYMENT (\$)

1,596.00

## Complete if Known

|                      |                  |
|----------------------|------------------|
| Application Number   | To be assigned   |
| Filing Date          | October 22, 2001 |
| First Named Inventor | YANG et al.      |
| Examiner Name        | To be assigned   |
| Group Art Unit       | To be assigned   |
| Attorney Docket No.  | GP117-03.UT      |

## METHOD OF PAYMENT

1.  The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to

Deposit Account Number

07-0835

Deposit Account Name

Gen-Probe Incorporated

 Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17 during the entire pendency of the application Applicant claims small entity status. See 37 CFR 1.272.  Payment Enclosed: Check  Credit card  Money Order  Other

## FEE CALCULATION

## 1. BASIC FILING FEE

| Large Entity Fee Code (\$) | Small Entity Fee Code (\$) | Fee Description        | Fee Paid |
|----------------------------|----------------------------|------------------------|----------|
| 101 740                    | 201 370                    | Utility filing fee     | 740      |
| 106 330                    | 206 165                    | Design filing fee      |          |
| 107 510                    | 207 255                    | Plant filing fee       |          |
| 108 740                    | 208 370                    | Reissue filing fee     |          |
| 114 160                    | 214 80                     | Provisional filing fee |          |

SUBTOTAL (1) (\$)

740

## 2. EXTRA CLAIM FEES

| Total Claims       | Extra Claims | Fee from below | Fee Paid |
|--------------------|--------------|----------------|----------|
| 56                 | -20** = 36   | x 18           | 648      |
| 5                  | -3** = 2     | x 84           | 168      |
| Multiple Dependent |              |                |          |

| Large Entity Fee Code (\$) | Small Entity Fee Code (\$) | Fee Description  |
|----------------------------|----------------------------|--|
| 103 18                     | 203 9                      | Claims in excess of 20                                     |
| 102 84                     | 202 42                     | Independent claims in excess of 3                          |
| 104 280                    | 204 140                    | Multiple dependent claim, if not paid                      |
| 109 84                     | 209 42                     | ** Reissue independent claims over original patent         |
| 110 18                     | 210 9                      | ** Reissue claims in excess of 20 and over original patent |

SUBTOTAL (2) (\$)

816

\*or number previously paid, if greater. For Reissues, see above

## FEE CALCULATION (continued)

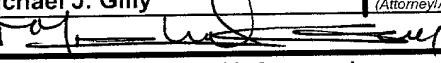
## 3. ADDITIONAL FEES

| Large Entity Fee Code (\$) | Small Entity Fee Code (\$) | Fee Description  | Fee Paid |
|----------------------------|----------------------------|--|----------|
| 105 130                    | 205 65                     | Surcharge - late filing fee or oath  |          |
| 127 50                     | 227 25                     | Surcharge - late provisional filing fee or cover sheet                     |          |
| 139 130                    | 139 130                    | Non-English specification  |          |
| 147 2,520                  | 147 2,520                  | For filing a request for ex parte reexamination                            |          |
| 112 920*                   | 112 920*                   | Requesting publication of SIR prior to Examiner action                     |          |
| 113 1,840*                 | 113 1,840*                 | Requesting publication of SIR after Examiner action                        |          |
| 115 110                    | 215 55                     | Extension for reply within first month                                     |          |
| 116 400                    | 216 200                    | Extension for reply within second month                                    |          |
| 117 920                    | 217 460                    | Extension for reply within third month                                     |          |
| 118 1,440                  | 218 720                    | Extension for reply within fourth month                                    |          |
| 128 1,960                  | 228 980                    | Extension for reply within fifth month                                     |          |
| 119 320                    | 219 160                    | Notice of Appeal   |          |
| 120 320                    | 220 160                    | Filing a brief in support of an appeal                                     |          |
| 121 280                    | 221 140                    | Request for oral hearing   |          |
| 138 1,510                  | 138 1,510                  | Petition to institute a public use proceeding                              |          |
| 140 110                    | 240 55                     | Petition to revive - unavoidable   |          |
| 141 1,280                  | 241 640                    | Petition to revive - unintentional   |          |
| 142 1,280                  | 242 640                    | Utility issue fee (or reissue)   |          |
| 143 460                    | 243 230                    | Design issue fee   |          |
| 144 620                    | 244 310                    | Plant issue fee  |          |
| 122 130                    | 122 130                    | Petitions to the Commissioner  |          |
| 123 50                     | 123 50                     | Processing fee under 37 CFR 1.17(q)  |          |
| 126 180                    | 126 180                    | Submission of Information Disclosure Stmt                                  |          |
| 581 40                     | 581 40                     | Recording each patent assignment per property (times number of properties) | 40       |
| 146 740                    | 246 370                    | Filing a submission after final rejection (37 CFR § 1.129(a))              |          |
| 149 740                    | 249 370                    | For each additional invention to be examined (37 CFR § 1.129(b))           |          |
| 179 740                    | 279 370                    | Request for Continued Examination (RCE)                                    |          |
| 169 900                    | 169 900                    | Request for expedited examination of a design application                  |          |
| Other fee (specify) _____  |                            |  |          |

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$)

40

|                   |   |                                  |        |                          |
|-------------------|---|----------------------------------|--------|--------------------------|
| SUBMITTED BY      |   | Complete (if applicable)         |        |                          |
| Name (Print/Type) | Michael J. Gilly  | Registration No (Attorney/Agent) | 42,579 | Telephone (858) 410-8657 |
| Signature         |  |                                  | Date   | October 22, 2001         |

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Burden Hour Statement. This form is estimated to take 0 2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO Assistant Commissioner for Patents, Washington, DC 20231